

ERID-213055



IRM-RMMSO

Official Correspondence Form

Name:	U1200425													
Title:	Direction to Modify Request to Abandon Borehole 50-24817 at Material Disposal Area C, Solid Waste Management Unit 50-009													
Date Received:	3/7/2012													
Addressee Name:	Michael Graham, ADEP													
Originator:	John E. Kieling, NMED													
Action Item Description:	Submit letter describing repairs made to surface casing.													
Action Due Date:	4/27/2012													
Responsible for Action:	Search <u>Graham, Michael J</u>													
Responsible Office:	PADCAP													
Distribution:	<table> <tr> <td>Michael Graham</td> <td>Deborah K. Woitte</td> </tr> <tr> <td>Charles McMillan</td> <td>William Alexander</td> </tr> <tr> <td>Elizabeth Sellers</td> <td>Phoebe K. Suina</td> </tr> <tr> <td>Richard Marquez</td> <td>Anthony R. Grieggs</td> </tr> <tr> <td>Paul Henry</td> <td>Tina Sandoval</td> </tr> <tr> <td>Michael Brandt</td> <td>Scotty Jones</td> </tr> </table>		Michael Graham	Deborah K. Woitte	Charles McMillan	William Alexander	Elizabeth Sellers	Phoebe K. Suina	Richard Marquez	Anthony R. Grieggs	Paul Henry	Tina Sandoval	Michael Brandt	Scotty Jones
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Action Required



SUSANA MARTINEZ
Governor

JOHN A. SANCHEZ
Lieutenant Governor

NEW MEXICO
ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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DAVE MARTIN
Cabinet Secretary

BUTCH TONGATE
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

EP2012-5054

March 6, 2012

George J. Rael
Environmental Operations Manager
Los Alamos Site Office
Department of Energy
3747 West Jemez Road, MS A316
Los Alamos, NM 87544

Michael Graham
Associate Director Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS 991
Los Alamos, NM 87545

**RE: DIRECTION TO MODIFY
REQUEST TO ABANDON BOREHOLE 50-24817 AT MATERIAL DISPOSAL
AREA C, SOLID WASTE MANAGEMENT UNIT 50-009
LOS ALAMOS NATIONAL LABORATORY (LANL)
EPA ID #NM0890010515
HWB-LANL-11-050**

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Request to Abandon Borehole 50-24817 at Material Disposal Area C, Solid Waste Management Unit 50-009* (Request), dated February 23, 2012 and referenced by EP2012-0053. NMED has reviewed the Request and hereby issues this Direction to Modify.

In the Request, the Permittees state that the protective surface casing on the borehole was damaged by snow removal equipment and that, because the borehole is no longer used for monitoring, the Laboratory wishes to abandon it rather than replace the surface casing.

Based on the Permittees' assertion that budget limitations require significant reductions to the groundwater and pore-gas monitoring programs, NMED has evaluated the estimated costs of the Permittees' proposed abandonment by cement grout injection relative to the option of replacing the surface casing. NMED has concluded that it is more cost effective to replace the surface casing of borehole 50-24817 rather than to abandon the boring at this time.

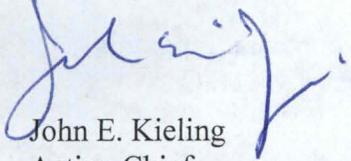
Messrs. Rael and Graham
March 6, 2012
Page 2

The Permittees are therefore directed to replace the surface casing of borehole 50-24817 at Material Disposal Area C, in lieu of abandonment, by **April 13, 2012**. A flush mounted casing or installation of a below-grade traffic-rated vault would reduce the likelihood of future damage. The funds saved by implementing this more cost effective solution should be directed to the groundwater monitoring associated with the Interim Facility-Wide Groundwater Monitoring Plan.

The Permittees must submit a letter describing the repairs made to the surface casing by **April 27, 2012**. All submittals (including maps) must be in the form of two paper copies and one electronic copy in accordance with Section XI.A of the Order.

Please contact Ben Wear at (505) 476-6041 should you have any questions.

Sincerely,



John E. Kieling
Acting Chief
Hazardous Waste Bureau

cc:

D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
B. Wear, NMED HWB
J. Kulis, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
T. Skibitski, NMED DOE OB
L. King, EPA 6PD-N
S. Swickley, EP-CAP, MS M992
C. Rodriguez, DOE-LASO, MS A316
P. Maggiore, DOE-LASO, MS A316

File: LANL '12, TA-50 MDA C

NAME

Maureen Torres

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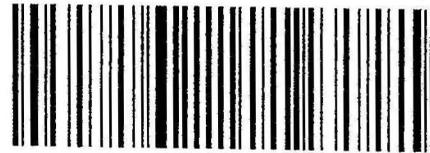
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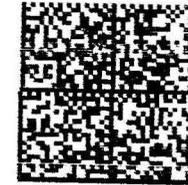
3/6/2012

State of New Mexico
Environment Department
Hazardous Waste Bureau
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Santa Fe, NM 87505

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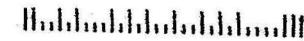
03/06/2012

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Michael J. Graham, Associate Director
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Los Alamos National Security, LLC
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